



Windows Server 2025 – Expanded Roles & Features

***“FROM IMAGINATION TO WINDOWS SERVER 2025 –
EXPANDED ROLES & FEATURES***

”

SYLLABUS

Version: 1.0

About Apponix Academy

- ✦ Apponix Academy is a leading training institute offering both online and offline courses in trending technologies like Cloud Computing, DevOps, Cyber Security, Full Stack Development, Data Science, Digital Marketing, and more.
- ✦ Established in 2013, Apponix has trained over 50,000 students across India and abroad, helping them build successful careers in the tech industry.
- ✦ With centers in Bangalore, Pune, Mumbai, Hubli, Aurangabad, Tumkur, Trichy, Gwalior, Ranchi, and more, Apponix continues to expand rapidly across the country.
- ✦ All our courses are designed to be job-oriented, practical, and aligned with real-world industry requirements.
- ✦ Our training is delivered by 100+ highly experienced corporate trainers who are experts in their respective fields.
- ✦ We offer flexible learning options, allowing students to choose between classroom sessions and live online classes.
- ✦ Apponix is ISO certified and provides globally recognized certifications from AWS, Microsoft, and Google.
- ✦ Over 3,000+ Apponix alumni are successfully placed in top MNCs with salaries above ₹15 LPA.
- ✦ Our focus is on 100% hands-on learning, project-based assignments, and real-time case studies.
- ✦ We provide complete career support including resume building, interview preparation, and placement assistance.
- ✦ With a strong presence and proven track record, Apponix Academy continues to be a trusted name in professional IT training.



COURSE KEY FEATUERS



- | | |
|---|---|
|  Job Assistance |  Mock interview sessions |
|  Designated Placement Advisor |  Delivered by Industry Experts |
|  Weekdays & Weekend Classes |  Generative AI tools |
|  Interview Grooming Sessions |  Professional Resume building session |
|  Microsoft Certification |  Industry Relevant Syllabus |



Awards & Accreditations



IABAC Authorized Partner



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ISO Certified



VMWARE Authorized Partner



**Most Promising
Training Institute**



MSME Certified

Sample Certificate



WINDOWS SERVER 2025 – EXPANDED ROLES & FEATURES SYLLABUS

1. Complete Server Roles + Identity + Deployment + Security + Hybrid Cloud

1. Active Directory & Identity Services

- Active Directory Domain Services (AD DS)
- Group Policy Management & GPO hardening
- Read Only Domain Controllers (RODC)
- Active Directory Certificate Services (AD CS)
- Active Directory Federation Services (AD FS)
- Azure AD Hybrid & AD Connect
- Privileged Access Management & Tier Model

2. Network Services

- DNS Installation, Zones, Forwarders, DNSSEC
- DHCP, Failover & IPAM
- NPS (Network Policy Server)
- RADIUS authentication
- Routing & Remote Access Services (RRAS)
- VPN (IKEv2, SSTP, L2TP)
- Always On VPN (DirectAccess alternative)

3. Deployment & Imaging Services

- Windows Deployment Services (WDS)
- PXE boot & WinPE
- MDT (Microsoft Deployment Toolkit)
- Windows Autopilot hybrid deployments

4. Security & Compliance

- BitLocker Drive Encryption
- Credential Guard & Device Guard
- Windows Defender ATP
- Security Baselines & Hardening
- Firewall, IPSec & Secure DNS

5. Update & Patch Management

- WSUS deployment & automation
- Windows Update for Business
- Patch compliance reporting

6. File, Storage & Data Services

- NTFS & ReFS features
- DFS Namespace & DFS Replication
- File Server Resource Manager (FSRM)
- Storage Spaces Direct (S2D)
- SMB Direct & SMB Encryption
- NFS & AFP support
- BranchCache

7. RAID, Backup & Recovery

- RAID Levels 0/1/5/6/10
- Windows Server Backup
- Azure Backup & Site Recovery
- Volume Shadow Copies

8. Virtualization & Containerization

- Hyper V installation & VM management
- Enhanced Session, Checkpoints, Shielded VMs
- VM replication & Live Migration
- Containers & Kubernetes on Windows
- Nano Server container scenarios

9. High Availability & Clustering

- Failover Cluster creation & quorum
- Cluster aware updates
- Stretched clusters & DR
- Cluster Shared Volumes (CSV)

10. Web & Internet Services

- Internet Information Services (IIS) configuration
- HTTPS & TLS certificates
- Web application firewall options
- FTP services

11. Printing & Document Services

- Print Server role
- Printer deployment & management

12. Remote Desktop Services (RDS)

- Session Host, Connection Broker, Licensing
- RemoteApp publishing
- Gateway & HTML5 access

13. Management, Monitoring & Automation

- Windows Admin Center
- Performance Monitor & Event Viewer
- PowerShell 7 scripting & automation
- System Insights AI predictive monitoring

14. Hybrid & Cloud Integration

- Azure Arc Management
- Hybrid DNS & identity
- Cloud storage & DR

OUR RECENT PLACEMENTS



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